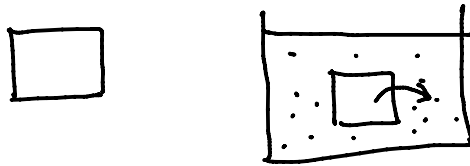
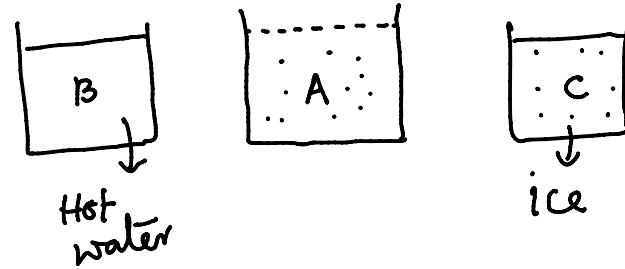


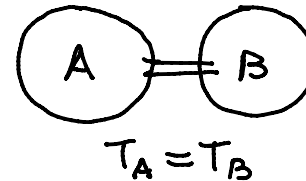
Class XI, Heat and Temperature

Heat: SI unit of heat is joule.
calorie (cal)
 $1 \text{ cal} = 4.18 \text{ J}$

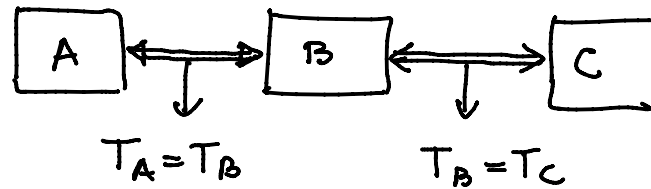


* Heat always flows from a body at higher temp. to a body at lower temp.

Thermal Equilibrium:



Zeroth Law of Thermodynamics:



$T_A = T_C \rightarrow$ A and C are in thermal equilibrium (1)